

**Amendments to the Abstract**

Please add the following Abstract:

A circuit for driving a display device has column drivers for driving  $n$  column electrodes and row drivers for driving  $m$  row electrodes of the display device. The column driver has  $n$  output channels, with each output channel having a column electrode assigned and is arranged for providing a respective column voltage to the assigned column electrode. An additional output channel is arranged for providing respective column voltages. Each of the  $n$  column electrodes is connectable to the additional output channel. The additional output channel thereby replaces a respective one of the  $n$  output channels which the column electrode is assigned to. The circuit is controlled in use such that at the beginning of driving a first row electrode of a frame, the additional output channel is calibrated. During the driving of subsequent row electrodes, the additional output channel is successively connected via a respective switch to the column electrodes, wherein the associated output channel of the column electrode currently connected to the additional output channel is disconnected from the respective column electrode for calibrating.